

ABSTRACT

The invention provides compositions and methods for treating a proliferative disorder in a subject, comprising administering a proliferation-inhibiting amount of a single-stranded oligonucleotide to the subject, wherein said single-stranded oligonucleotide is capable of binding to one or more DNA-binding proteins or RNA primers in the subject, thereby treating the proliferative disorder. The invention also provides a method for modulating transcription in a cell, comprising administering an oligonucleotide to cells, wherein the oligonucleotide consists essentially of one or more regulatory elements, wherein the one or more regulatory elements are capable of binding a DNA-binding protein.